

45. An electronic device as set forth in claim 38 or **41**, wherein said support member is formed using an elastic body; and wherein one end of said support member is connected to said display panel or said base member and another end is connected to said weight.

46. An electronic device as set forth in claim 38 or **41**, wherein said vibration generator causes said display panel to vibrate in a direction perpendicular to a surface of said display panel.

47. An electronic device as set forth in claim 38 or **41**, wherein said vibration control means detects that an operation input to said touch panel has been received, and then causes said vibration generator to generate vibration for a predetermined time of not more than 1 second.

48. An electronic device as set forth in any one of claims **38**, **41**, and **47**, wherein, in a case of driving said vibration generator to cause vibration, said vibration control means applies to said vibration generator a drive signal for causing said vibration generator or said display panel to resonate.

49. An electronic device, comprising:

a display;

a touch panel covering a display screen of said display;

a vibration generator provided between said display and said touch panel, for supporting said touch panel on said display screen and transmitting vibration to said touch panel; and

vibration control means for, in a case of detecting that a touch operation on said touch panel has been received, causing said vibration generator to generate vibration.

50. An electronic device, comprising:

a display;

a touch panel covering a display screen of said display;

a vibration generator installed at said touch panel for transmitting vibration to said touch panel;

a vibration absorbing member provided between said display and said touch panel for absorbing, from among vibration components generated from said vibration generator, a vibration component which is about to be transferred to said display; and

vibration control means for, in case of detecting that a touch operation on said touch panel has been received, causing said vibration generator to generate vibration.

51. An electronic device as set forth in claim 49 or **50**, wherein said vibration generator comprises:

a weight;

a support member for supporting said weight so as to allow it to reciprocate, said support member being connected to said touch panel or to a base member of said vibration generator, and said base member being in contact with said touch panel; and

excitation generating means for generating excitation for supply to said weight excitation, to cause said weight to reciprocate.

52. An electronic device as set forth in claim 38 or **41**, wherein said vibration generator causes said weight to reciprocate under excitation generated by said excitation generating means and causes vibrational acceleration at said touch panel by a counter force of said reciprocation or

transmits to said touch panel vibrational acceleration caused at said base member by a counter force of said reciprocation.

53. An electronic device as set forth in claim 51, wherein said support member is formed using an elastic body; and wherein one end of said support member is connected to said touch panel or said base member and another end is connected to said weight.

54. An electronic device as set forth in claim 50, wherein an said vibration absorbing member uses an elastic body.

55. An electronic device as set forth in claim 50 or **54**, wherein said vibration absorption member is installed at a position not overlapping said display screen.

56. An electronic device as set forth in claim 49 or **54**, wherein said vibration generator is installed at a position not overlapping said display screen.

57. An electronic device as set forth in any one of claims 49 to 52 and **56**, wherein said vibration generator causes said touch panel to vibrate in a direction perpendicular to a front surface of said touch panel.

58. An electronic device as set forth in claim 49 or **50**, wherein said vibration control means detects that a touch operation on said touch panel has been received, and then causes said vibration generator to generate vibration for a predetermined period of not more than 1 second.

59. An electronic device as set forth in any one of claims **49**, **50**, and **58**, wherein, in a case of driving said vibration generator to cause vibration, said vibration control means applies to said vibration generator a drive signal for causing said vibration generator or said touch signal to resonate.

60. An electronic device, comprising:

an operating unit for receiving an operation input;

a vibration generator at least a part of which is provided exposed to the outside from a housing of said electronic device and transmitting vibration directly to said user; and

vibration control means for, in a case of detecting that an operation input to said operating unit has been received, causing said vibration generator to generate vibration.

61. An electronic device, comprising:

an operating unit for receiving an operation input;

a vibration generator for generating vibration which is transmitted to a part of a housing of said electronic device, while said part of said housing is different from said operating unit; and

vibration control means for, in a case of detecting that an operation input to said operating unit has been received, identifying a type of operation input and causing said vibration generator to generate vibration by a vibration mode linked with said type of operation input.

62. An electronic device as set forth in claim 61, wherein said operating unit is a touch panel; and

wherein said vibration control means, in a case of detecting that a touch operation on said touch panel has been received, detects a touched position of said touch operation on said touch panel and causes said vibration generator to generate vibration by a vibration mode linked with said touched position.